

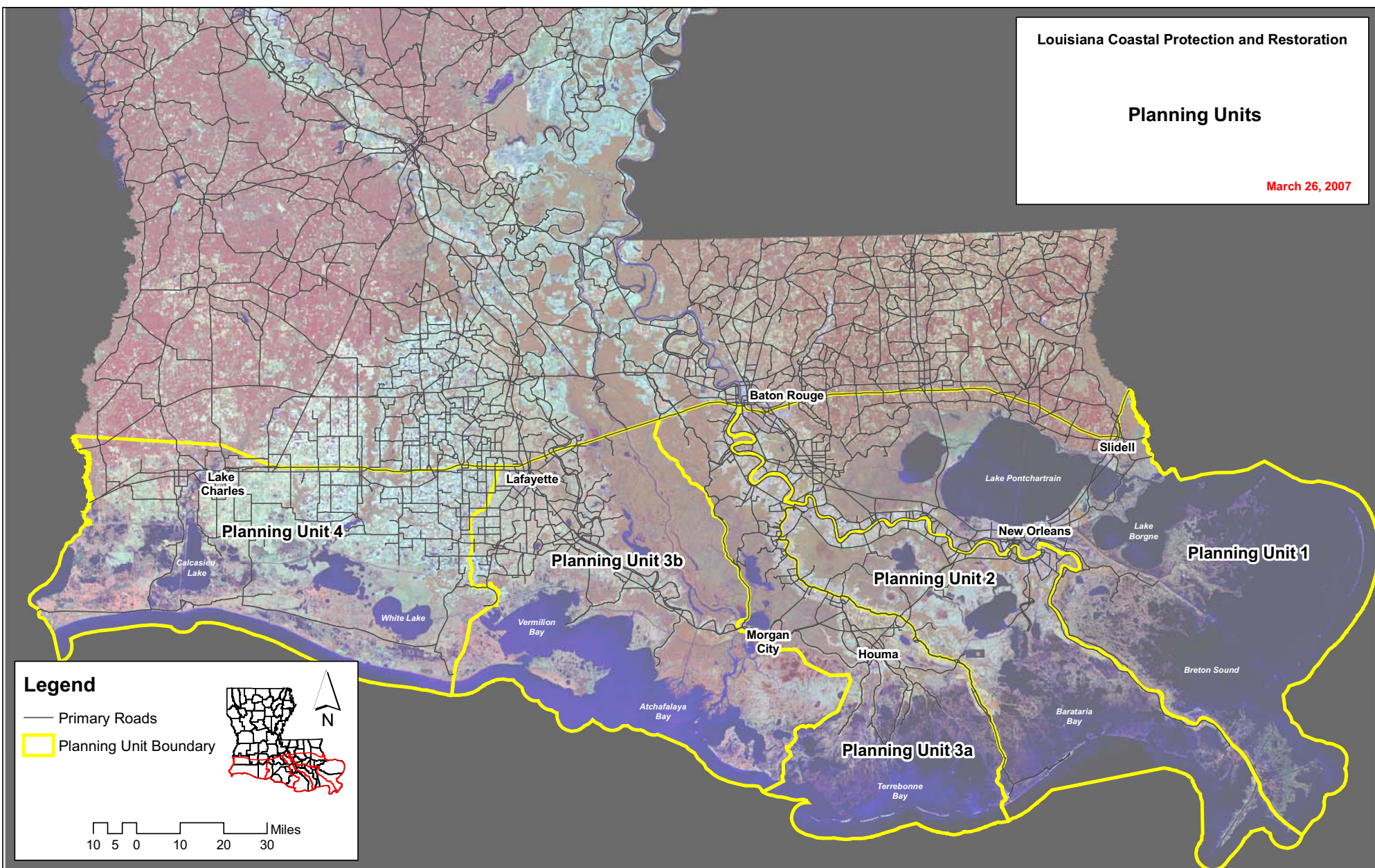
# Planning Area and Base Condition Maps

Louisiana Coastal Protection and Restoration  
**Planning Units**

<b>Planning Unit</b>	<b>Title</b>	<b>Description</b>
1	Pontchartrain Basin	Planning Unit 1 (PU1), representing the entire Lake Pontchartrain Basin, is the most highly and densely populated planning unit in coastal Louisiana and stretches from the East Bank of the Mississippi River to the Mississippi State Line. Located in PU1 is a majority of the New Orleans Metropolitan Area located east of the Mississippi River. New Orleans has a unique heritage, including architecture and cultural resources, and it plays a major role within the world trade and tourism industries. Within PU1, three ports are of national significance: (1) The Port of South Louisiana, (2) The Port of New Orleans, and (3) Port of Plaquemines.
2	Barataria Basin	Planning Unit 2 (PU2) is bounded by the Mississippi River, Bayou Lafourche, and the Gulf of Mexico. This highly productive estuary is home to a vast human population, where the social and economic cultures have evolved around and are dependent upon the estuary's natural resources. However, man's habitation of this dynamic environment has lead to landscape changes that threaten the sustainability of both the natural and human environment.
3a	East Terrebonne Basin	Planning Unit 3a (PU3a) consists of Terrebonne, St. Mary (east bank), Lafourche (west bank), Assumption (west bank), and St. Martin (east bank) Parishes, and is made up of the Verret, Fields, East Penchant, and Timbalier sub-basins. The concentrated assets, consisting of the communities and related assets in and around Houma, Thibodaux, and Morgan City, are increasingly facing threats from hurricane storm surges and flood events. The distributed assets, consisting of oil and gas infrastructure, marinas, and port facilities, and the concentrated assets are vulnerable to destructive storm surges without coastal protection features in place.
3b	Atchafalaya Influence Area	Planning Unit 3b (PU3b) encompasses a majority of the West Penchant Sub-Basin in the Terrebonne Marshes, and the Atchafalaya and Teche-Vermilion Basins. The region extends from Bayou de West located west of Houma and south of Bay Junop, then westward to Freshwater Bayou. It extends north beyond the boundary of the coastal wetlands and includes Berwick, Patterson, Franklin, Jeanerette, New Iberia, Abbeville, Garden City, Sorrel, Louisa, Avery Island, Delcambre, Erath, Henry, Intracoastal City, and other communities. It covers all or part of Terrebonne, St. Mary, Iberia, and Vermilion Parishes.
4	Chenier Plain	Planning Unit 4 (PU4) extends from the western bank of the Freshwater Bayou Canal westward to the Louisiana/Texas border in Sabine Lake, and from the Gulf of Mexico in the south to the northern boundary established areas that are subject to storm or tidal surge. The Unit includes all or parts of Vermilion, Cameron, Acadia, Jefferson Davis, and Calcasieu parishes. The Chenier Plain extends from Freshwater Bayou westward to Sabine Pass, and is influenced by three interconnected rivers and marine processes. There are two major hydrologic basins in the Cheniers: the Mermentau Basin and the Calcasieu/Sabine Basin.

## Planning Units

March 26, 2007



**Louisiana Coastal Protection and Restoration  
General Project Area Population**

Planning Unit	Parish	Yr. 2000	Yr. 2005 2nd Quarter	Yr. 2005 4th Quarter	Yr. 2050
<b>Planning Unit 1</b>	Ascension	65,818	74,878	85,935	143,808
	East Baton Rouge	150,269	150,473	166,346	158,547
	Iberville	6,726	6,528	7,230	4,131
	Jefferson	257,501	256,192	210,433	299,633
	Livingston	31,723	37,670	40,790	66,148
	Orleans	427,892	410,814	117,240	432,573
	Plaquemines	3,025	3,239	1,763	4,647
	St. Bernard	67,229	65,382	30,245	80,329
	St. Charles	24,081	24,966	23,474	21,380
	St. James	12,434	12,447	12,894	17,014
	St. John the Baptist	39,570	41,520	41,520	44,384
	St. Tammany	122,492	129,472	114,474	228,161
	Tangipahoa	28,456	29,512	30,599	76,030
	West Baton Rouge	2,000	2,022	2,162	1,759
		<b>1,239,216</b>	<b>1,245,115</b>	<b>885,105</b>	<b>1,578,544</b>
<b>Planning Unit 2</b>	Ascension	6,690	6,932	7,239	17,316
	Assumption	4,655	4,767	4,880	7,785
	Jefferson	197,965	197,074	160,431	206,035
	Lafourche	28,156	29,208	29,208	39,713
	Orleans	56,782	52,469	23,294	50,876
	Plaquemines	23,732	25,684	15,172	32,915
	St. Charles	23,991	25,347	23,510	32,532
	St. James	8,782	8,758	9,060	13,115
	St. John the Baptist	3,474	3,860	3,860	6,011
		<b>354,227</b>	<b>354,099</b>	<b>276,654</b>	<b>406,298</b>

Planning Unit	Parish	Yr. 2000	Yr. 2005 2nd Quarter	Yr. 2005 4th Quarter	Yr. 2050
<b>Planning Unit 3a</b>	Ascension	4,119	4,449	4,865	16,458
	Assumption	18,733	18,610	19,201	21,214
	Iberville	22,415	21,921	23,680	46,225
	Lafourche	61,818	63,122	63,121	83,079
	St. Mary	13,609	13,705	13,955	13,178
	Terrebonne	102,507	104,627	106,771	127,406
	West Baton Rouge	7,373	7,625	8,709	7,361
		<b>230,574</b>	<b>234,059</b>	<b>240,302</b>	<b>314,921</b>
<b>Planning Unit 3b</b>	Iberia	73,266	74,590	75,971	83,766
	Iberville	966	993	1,007	1,061
	Lafayette	149,605	153,188	156,796	187,609
	St. Martin	38,912	40,844	41,842	44,219
	St. Mary	39,891	38,732	40,142	40,554
	Terrebonne	1,996	2,005	2,073	2,058
	Vermilion	39,062	39,946	39,946	47,718
		<b>343,698</b>	<b>350,298</b>	<b>357,777</b>	<b>406,985</b>
<b>Planning Unit 4</b>	Acadia	30,943	31,056	31,538	44,719
	Calcasieu	164,642	163,638	163,639	188,062
	Cameron	9,991	9,960	7,752	13,670
	Jefferson Davis	23,239	23,372	23,372	33,732
	Lafayette	3,260	3,517	3,827	4,897
	Vermilion	14,745	14,979	14,979	21,837
		<b>246,820</b>	<b>246,522</b>	<b>245,107</b>	<b>306,917</b>
<b>Total Population</b>		<b>2,414,535</b>	<b>2,430,093</b>	<b>2,004,945</b>	<b>3,013,665</b>

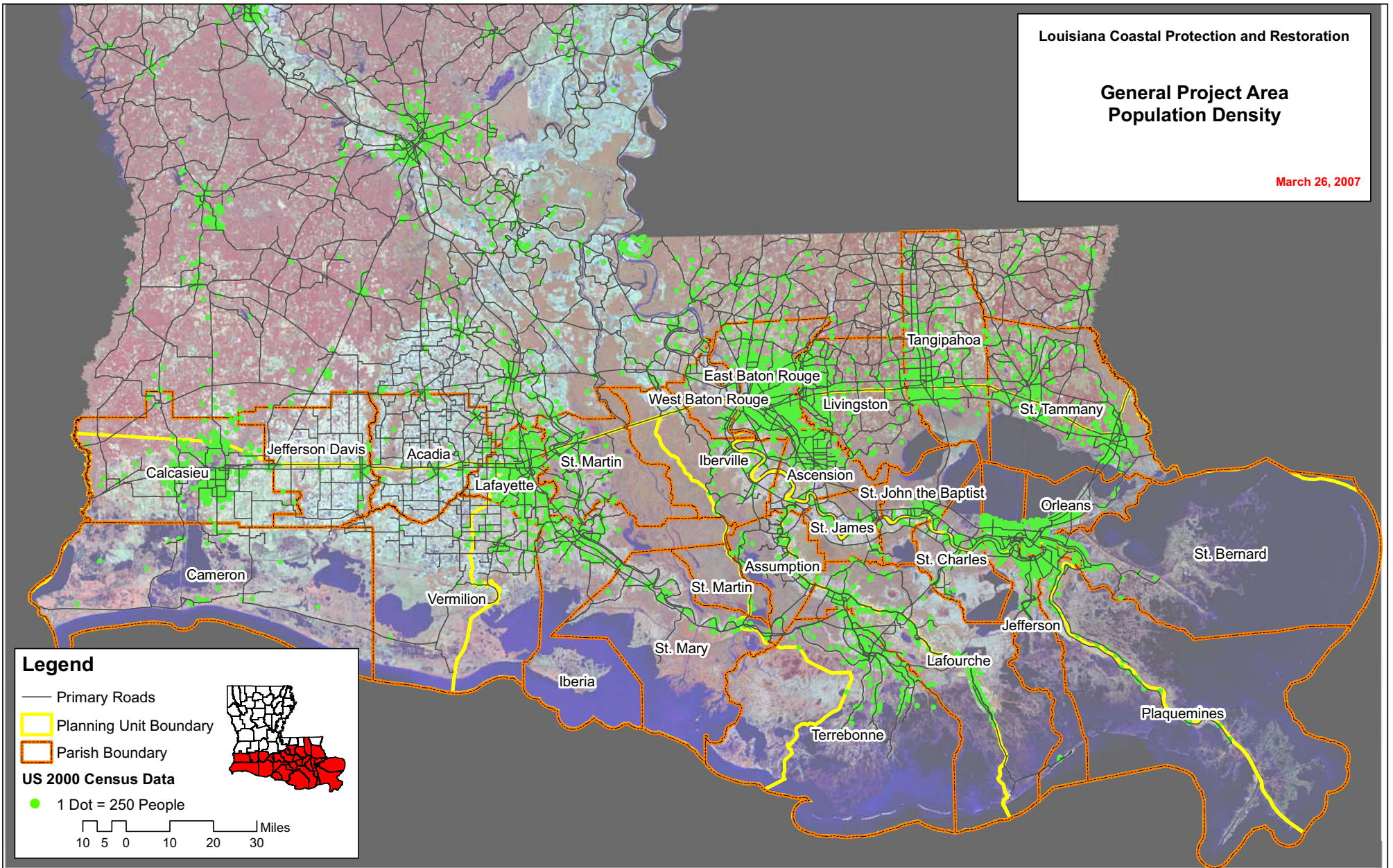
Notes:

1. Population for year 2000 and 2005 is based on the U.S. Census.
2. 2<sup>nd</sup> Quarter 2005 represents the population prior to hurricanes Katrina and Rita; 4<sup>th</sup> Quarter 2005 represents the population soon after hurricanes Katrina and Rita.
3. Population for the year 2050 is based on Calthorpe's High Employment projection using the Hybrid Land Use Allocation.
4. If portions of a parish were in more than one planning unit, then the population of the parish was divided between the planning units.



## General Project Area Population Density

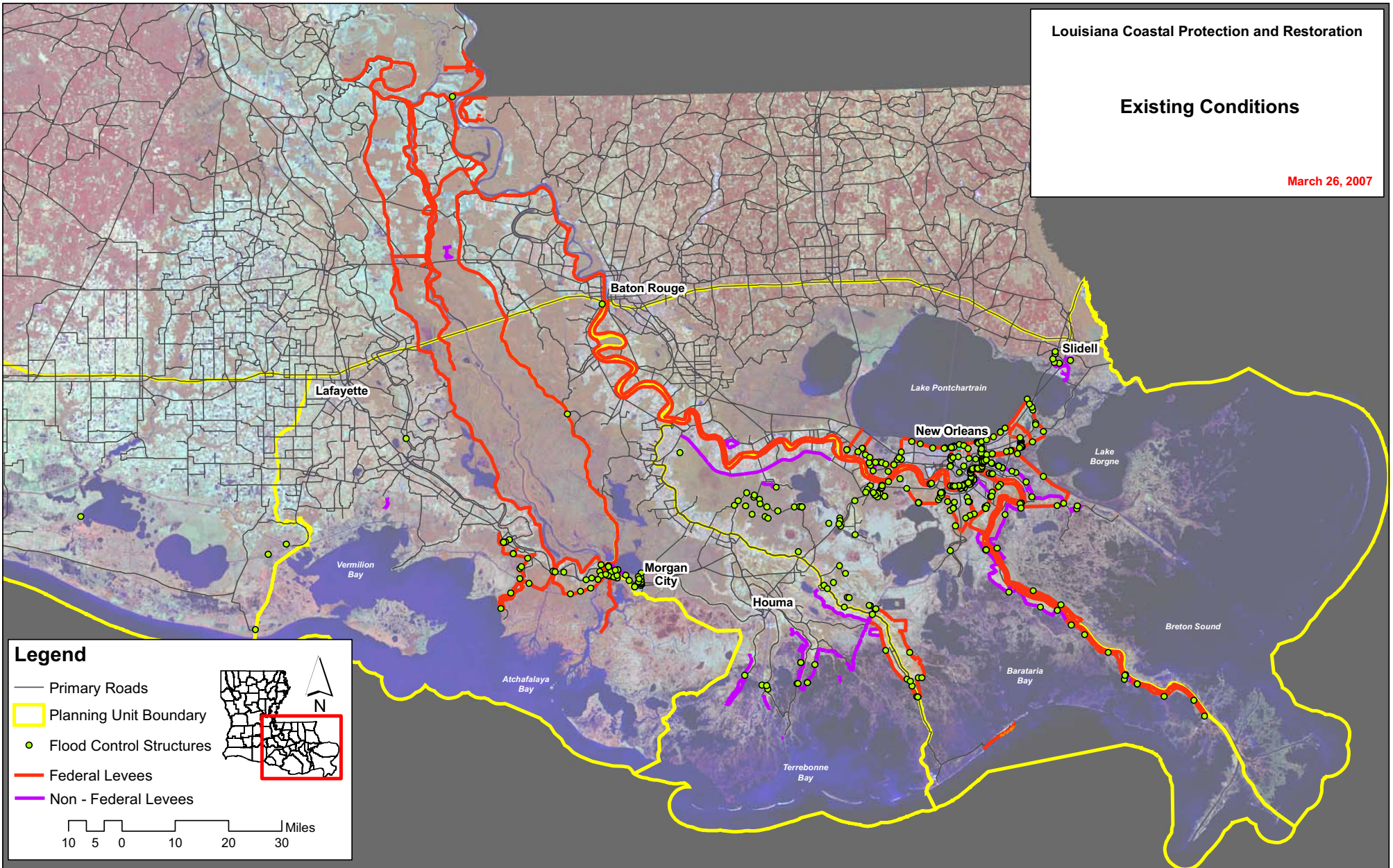
March 26, 2007



Louisiana Coastal Protection and Restoration  
**Existing Conditions**

Line Color on Map	Project Type and Ownership	Project Name
Red	Federal Hurricane Surge Reduction Levees	Lake Pontchartrain, Louisiana, and Vicinity, Hurricane Protection Project
		West Bank and Vicinity, New Orleans, Louisiana, Hurricane Protection Project
		New Orleans to Venice Project
		Larose to Golden Meadow, Louisiana, Hurricane Protection
		Grand Isle and Vicinity, Louisiana
		Morgan City and Vicinity, Hurricane Protection Project
	Federal River Flood Control Levees	Flood Control, Mississippi River & Tributaries, Mississippi River Levees Project
		Flood Control, Mississippi River & Tributaries, Atchafalaya Basin, Louisiana
Purple	Non-Federal Levees	Various projects





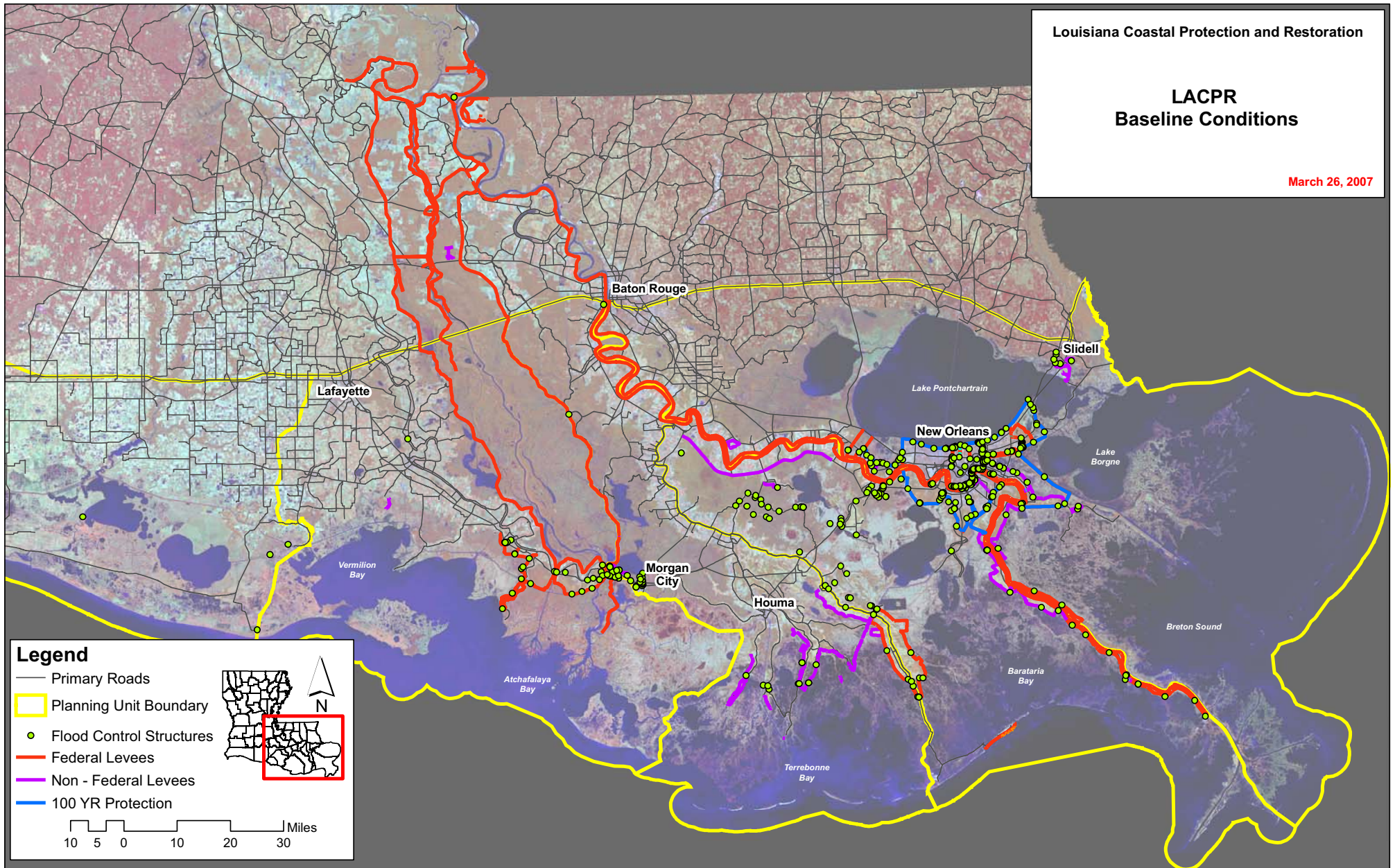
Louisiana Coastal Protection and Restoration  
**LACPR Baseline Conditions**

Line Color on Map	Project Type and Ownership	Project Name	Population Residing Within Project Area (2000 Census)
Blue	Federal Hurricane Surge Reduction Levees to be Upgraded to the New 100-Year Level of Protection	Lake Pontchartrain, Louisiana, and Vicinity, Hurricane Protection Project	1,025,856
		West Bank and Vicinity, New Orleans, Louisiana, Hurricane Protection Project	
Red	Federal Hurricane Surge Reduction Levees	New Orleans to Venice Project	11,498
		Larose to Golden Meadow, Louisiana, Hurricane Protection	21,600
		Grand Isle and Vicinity, Louisiana	1,311
		Morgan City and Vicinity, Hurricane Protection Project	Not Available
	Federal River Flood Control Levees	Flood Control, Mississippi River & Tributaries, Mississippi River Levees Project	Not Available
		Flood Control, Mississippi River & Tributaries, Atchafalaya Basin, Louisiana	Not Available
Purple	Non-Federal Levees	Various projects	Not Available



## LACPR Baseline Conditions

March 26, 2007





Louisiana Coastal Protection and Restoration  
Planning Units 1 & 2

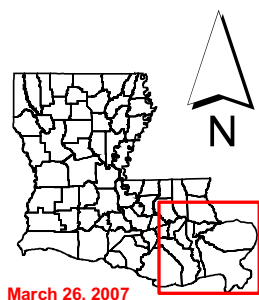
100 - Year Surge Frequency Contours

Legend

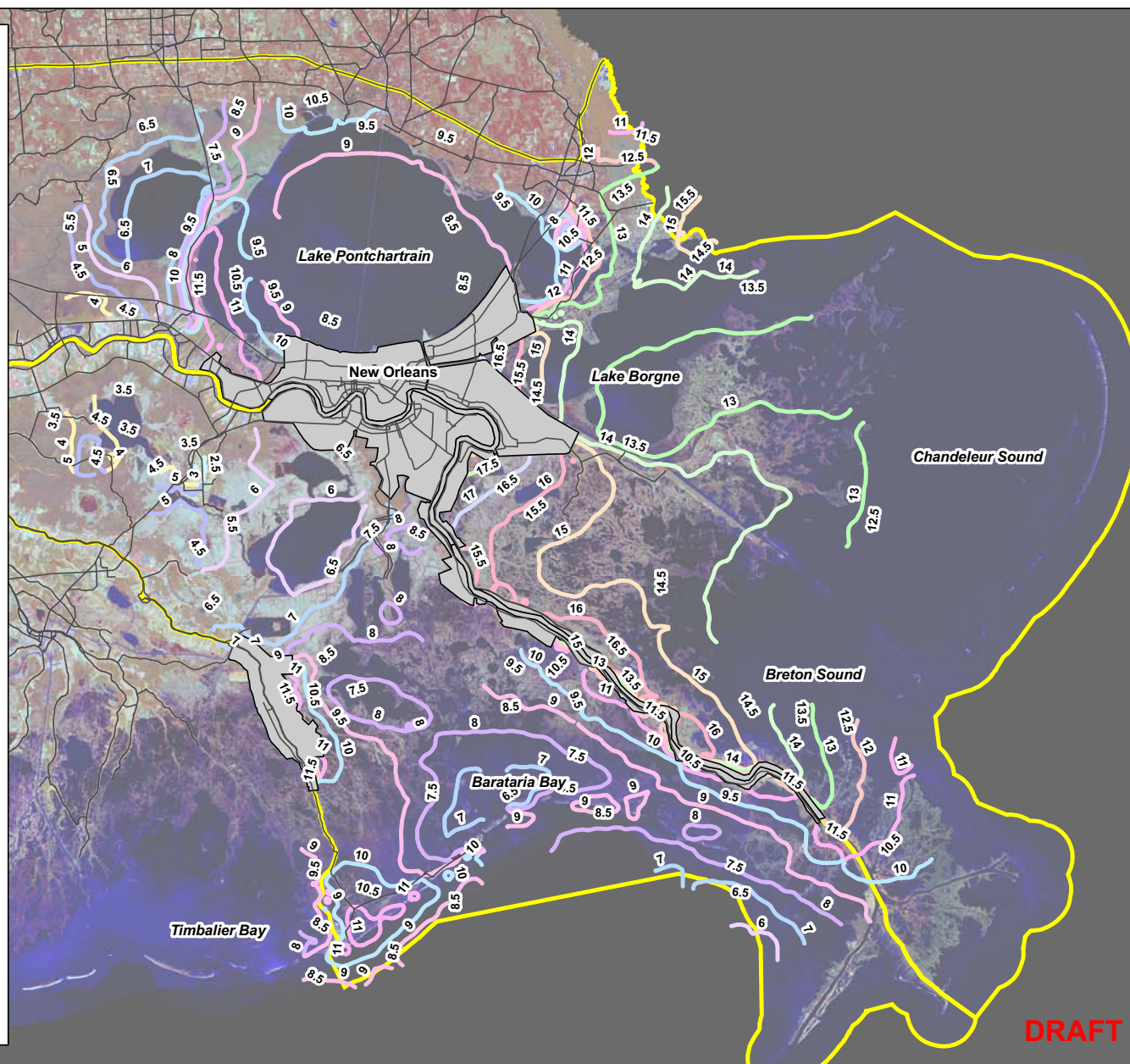
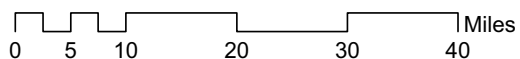
- Primary Roads
- Planning Unit Boundary
- Leveed Area

Contours (feet)

- 3
  - 4
  - 5
  - 6
  - 7
  - 8
  - 9
  - 10
  - 11
  - 12
  - 13
  - 14
  - 15
  - 16
  - 17
  - 18
  - 18.5
- Notes:
- All levees are assumed to be at authorized grades.
  - Contours shown are for outside existing levee systems only.
  - Contours reflect still water elevations only.
  - Outer perimeter of contour map does not reflect limits of flooding.



March 26, 2007



Louisiana Coastal Protection and Restoration  
Planning Units 1 & 2

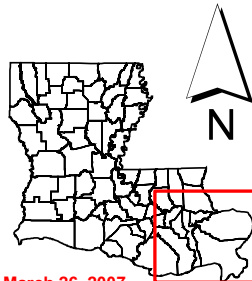
500 - Year Surge Frequency Contours

Legend

- Primary Roads
- Planning Unit Boundary
- Leveed Area

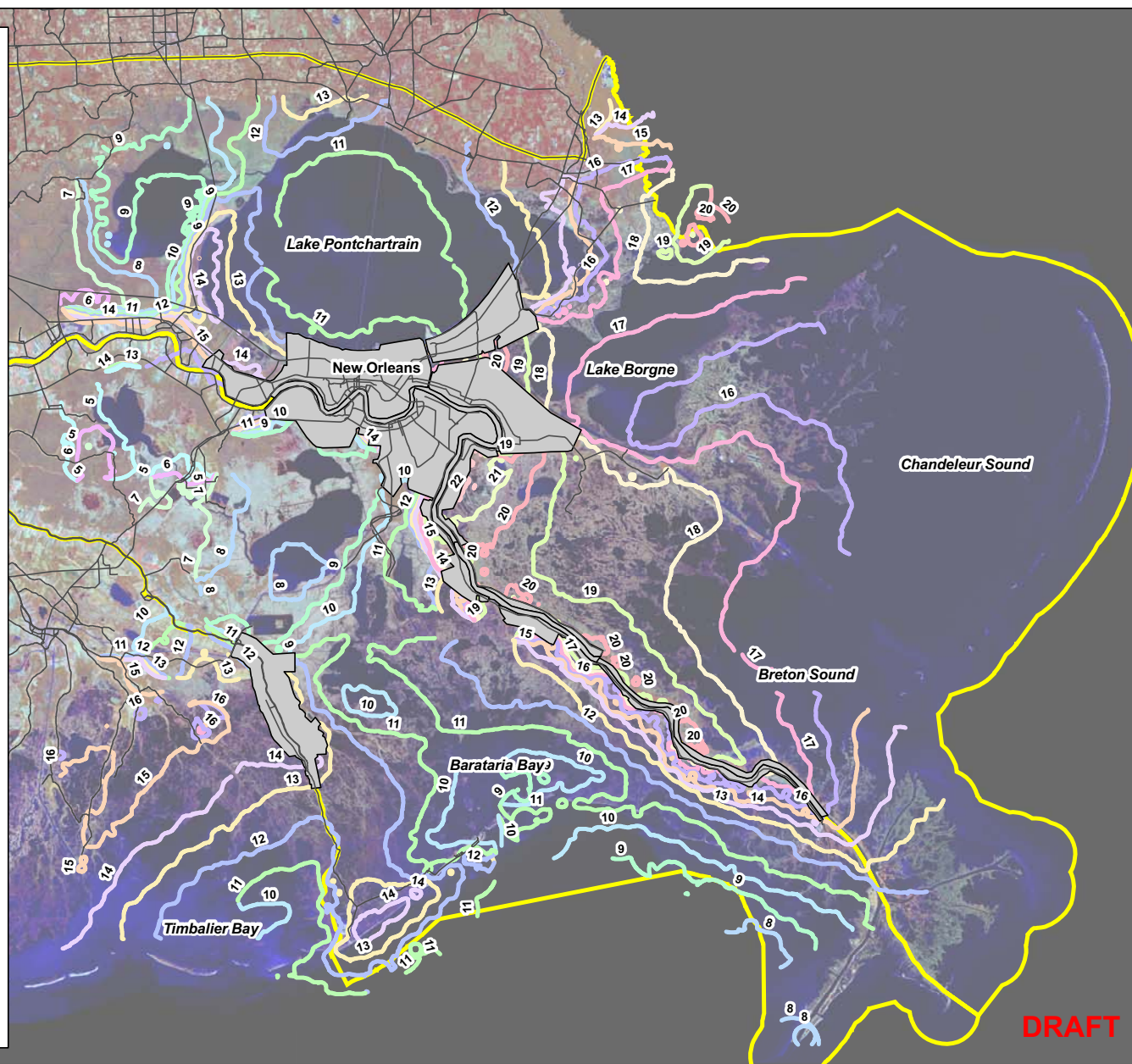
Contours (feet)

- 5
  - 6
  - 7
  - 8
  - 9
  - 10
  - 11
  - 12
  - 13
  - 14
  - 15
  - 16
  - 17
  - 18
  - 19
  - 20
  - 21
  - 22
- Notes:
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March 26, 2007

0 5 10 20 30 40 Miles





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